



06 Mar 1964

## The Missouri Miner, March 06, 1964

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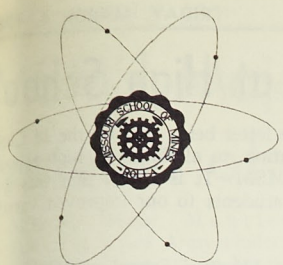
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# The Missouri MINER

MISSOURI SCHOOL OF MINES AND METALLURGY

VOLUME 50

FRIDAY, MARCH 6, 1964

NUMBER 19

A Greetin'  
From  
Sainte Patrick

PAGE 2



## Dean Wilson Returns To Speak to Chi Epsilon

On Friday evening, February 21, Chi Epsilon, National Honorary Civil Engineering Fraternity, initiated twenty-five men into its ranks. The initiation ceremony was conducted by the national officers of the fraternity during the National Conclave. The men initiated are Stanley Adams, Maxey Carpenter, Lamy Chopin, Bernie Ebert, James Felch, Donald Gardner, Gerald Golloway, Jack Haygood, Fred Herrmann, Bob Hughey, James King, Fred Lehman, Ervin Lofftus, Dale Mueller, Gerald Orrison, Ron Pierce, Ed Raney, Kenneth Robb, Roger Smith, Glendon Stevens,

Edward Tharp, and Joe Wood. Also, Dean Merl Baker and Dr. Louis Petro were initiated as honorary members, and Frank D. Lyons, Director of the Oklahoma State Highway Department, was initiated as an Alumni member. The initiation banquet was held at the MSM Student Union with Curtis L. Wilson, Dean Emeritus, as the guest speaker. The new officers for the spring semester are: Billy Montgomery, president; Ed Tharp, vice-president; Jim King, secretary; Jack Haygood, treasurer; Bob Newsum, marshal; Ken Robb, associate editor of the Transit.

## Athletic Grant Program Will Be Tested Next Year

By the end of this year's football season and during the conference basketball season it was evident that the Miners had much to be desired in the way of athletics. Late last fall Dean Ponder announced that athletic scholarships would be offered for the first time in the fall of 1964 in order that MSM would seem more attractive to prospective engineers who also liked to play one of the big three varsity sports. However, many of the MSM students wonder just what these scholarships involve. First of all these student assistantships or grants, as they are called, will not fully cover the expenses for a full academic year. No one will get a free ride through school on one of these grants, nor will they just have to play ball for the money. A conference states that anyone who accepts a grant must work for 27 per cent of the value of the grant. In other words, if an athlete receives a 300 dollar grant he must put in 81 hours of

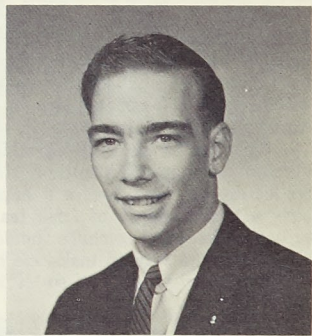
work during the school year. The grants will be given to deserving men like scholastic scholarships. They must have need for the grant and they must have the ability to be considered. The number of grants a school may give is also limited by conference rules. The maximum number of grants that can be given per school per year is 35. As tentatively planned 22 of the grants will be given for football, 9 for

basketball, and 4 for track and cross country. "The grant program is still in the developing stage," says Head Coach Dewey Allgood, "and nothing has really been decided on yet. The first year will be a trial and error period for the grant program." Coach Allgood is now attending meetings with other members of the faculty to finish making up the details of the student assistantship program.

## Bill Burchill Chosen Feb. Man-of-the-Month

Bill Burchill has been elected "Blue Key Man-of-the-Month" for the month of February. Bill, who hails from Taylorville, Illinois, is one of the best known men on campus. His leadership qualities and new ideas have resulted in many improvements in the or-

ganizations to which Bill belongs. Bill is a senior in Metallurgical Engineering and while at MSM has built up a strong grade point to go with his many activities. He is a member of Acacia Fraternity,



BILL BURCHILL

### NOTICE

## Wrath of St. Pat Strikes Non-Shillelagh Bearers

To avoid the wrath of the St. Pat's Board, the representatives of our honored St. Pat, all freshmen should carry shillelaghs on the MSM campus from March 2 to March 11.

These shillelaghs should be of

sufficient size and proper decoration to keep away the evil spirits that cast their spell on this honorable celebration. Freshmen who desire to kill the larger snakes should have shillelaghs of at least one half their weight and at least two thirds their height. Those who choose the smaller staffs should have them well decorated in order that the snakes do not attack the unfortunates who are unable to carry shillelaghs.

Many freshmen wonder why they should carry shillelaghs. The following are a few reasons:

1. Again this year the Patron Saint has allowed the Miners two days of well earned vacation in order to celebrate his feast properly.

2. Shillelaghs are used to rid

(Continued on Page 10)

## Glazier's Appointment Fills Coaching Staff for Next Year

Bud J. Glazier, head football coach at Rolla High School for the past two years, has been named assistant football coach at MSM, Gale Bullman, athletic director, announced today. He will hold the rank of instructor in the department of physical education. Thirty-one-year-old Glazier last year led his Rolla team to their most successful season since they joined the Central Missouri Conference in 1958, with second place in the conference and an overall 6-3-1 record. Their only conference defeat was by Jefferson City, conference champions, with a tie with Hickman High School of Columbia. Before coming to Rolla Glazier coached at the Mountain View High School for five years and at Midway High School, Stark City, Mo. A high school and college football star, Glazier played for Mountain Grove High School and for two years at Wichita Univer-

sity, Wichita, Kans. He played two seasons for Southwest Missouri State College, Springfield, where he was student assistant coach in 1956. He received his B. S. in Education there in 1957 and his M. S. in Education from Drury College in 1961. A Marine Corps veteran, Glazier is married and the father of four children. In announcing Glazier's appointment, Bullman expressed his confidence in the future of the expanded athletic program of the school, which has run into trouble in recent years because of a shortage of players. Recent steps taken to upgrade the program have included increasing the coaching staff and more active recruiting of high school athletes. Athletic awards will be available at the school for the first time next year. "Glazier's appointment completes our coaching staff for next year and puts us in good shape for next season so far as coaches are concerned," Bullman said. "Interviews are going on now with

graduating high school seniors who are interested in science or



BUD GLAZIER

engineering, and we hope to have enough players out next year to

(Continued on Page 9)

## New Research Center Will Be Boon to MSM

According to Dr. Planje, in 1961 the Governor appointed a committee, headed by Dean Wilson, to make a study on the need of research centers in the state. This committee reported a definite need, and two million dollars was allocated by the legislature to the university. Of this two million dollars MSM received seven hundred and fifty thousand dollars for equipment. Plans for the materials testing center were started in December of 1962. The Metallurgical, Cer-

amics, Physics, and Chemistry departments with department chairmen, Carlton, Fuller, Thompson, Eppelsheimer, and Planje all worked together in drawing up tentative plans. The building will be located north of 14th street, between the gym and the Civil Engineering Building. The building will have thirty thousand feet of floor space and will have approximately three hundred and fifty thousand dollars worth of equipment; mass

(Continued on Page 10)



## EIRE COMMUNIQUE

## St. Patrick Plans Annual Visit

Aye, lads and lassies, 'tis the time again to be gay! And there's no doubt in me mind about this, the fifty-fourth birthday partie ye're givin' fer me, will be one of the beste ever, Iye won't hesitate to say that you boys at the Missourey Schoole of Mines have gained a warmer place in me heart than any other group of friendly, generous young men I've seen in all me travelin'.

And the talent me layal sons here have shown fer pickin' beautiful colleens to honor me with their smiles and pretty faces is truly amazin'. It brings joy to me old bones to see them frolickin' about, makin' everyone happy.

As I write this, the latest report I hear is that you're havin' fine spring weather. I'm expectin' that old whiskered devil, the weather-man, knows what kind of weather we want fer the holidays and will send us some warm breezes soone. (If 'e don't, I'll make good use o' me shillelagh next time I see 'im.) But what if it is nasty durin' me visit, let not a little thing like that dampen your festive spirits. A word of advice to me boys, however; stay out of gutters! They can be devilish cold at times like this.

I hear that not too many of the little freshmen have been carryin' shillelaghs. But what's the matter, are my sophomores gettin' soft? No tellin' when a trusty shillelagh will come in handy. It's the only weapon of defense I've carried for many years and there's none better.

I expect to see many a fine beard when I get to town Saturday. When Iye suggested beard-growing as a holiday activity several years ago, Iye wasn't sure it would be accepted by mye colleagues of the St. Pat's Board. But quite a few of mye sons at MSM have shown where their true loyalty is by cultivating some magnificent brushes.

It takes a courageous sole to start growing whiskers in January and keep them till me birthday, March 17. It seems the girls, for some reason, don't like to get close to them and sometimes persuade the boys to shave. Some have mothers who just can't stand to see their darlin' little boys lookin' like th bum that he is. But mye word of advice to ye is this: wear yer beards with pride — even if ye do go home every weekend to jump through the hoop fer your girl-friend. Soon people will have more respect fer ye when they begin to realize that yer beard means ye're an inmate at me glorious step-child, the Missourey Schoole of Mines.

That reminds me of a certain fact. D'ye know that this year more of me sons will be knighted by me into "The Order of St. Patrick." I'll be expectin' some remarkable results from all this brain power some day. Me boys will surely keep making the world a better place to live in, as they've been doing in the past.

Well, boys, I'll be lookin' forward to seein' ye Saturday at Frisco Station. And by the way, the parade this year will be somethin' ye won't want to be missin'. Mye reporter told me that more floats were bein' built than he'd seen in many years. The judgin' of the best one will be no easy task, be sure; but the prize fer the best one will be worth the time spent buildin' it.

That leaves me with only this to say. As I've told ye before, this visit to Missourey Schoole of Mines is me favorite trip o' the year. So let me see everyone in a happy mood. (Iye hope that all o' ye have a goode supply of Irish tea on hand.) This is the time o'year to be carefree, and romance should be buddin' here and there.

The beste way to make me happy durin' me visit to yer schoole is to be happy yourselves, so let 'er go and enjoy yerselves.

## Miner Editorials

## "It Ain't What It Used to Be"

Much to the dismay of "old-timers" and returning alumni "St. Pat's ain't what it used to be." The undercurrent of feeling seems to be directed to the fact that Miners are losing sight of the meaning of St. Pat's, and the evidence seems to bear this out.

In years long past, emphasis was placed on the Knighting Ceremony and the formal customs observed in the Court of St. Patrick, such as the "Kow-Tow." The latter was a lot of fun for both students and dates who scraped the ground on hands and knees at the command "Kow-Tow" from St. Pat. Those who didn't comply were convinced by Irish cops carrying billies composed of socks filled with suet. It was all taken in good spirit and Miners today have just as much of the same spirit as those of a few decades past, but it seems to be dormant.

The Knighting Ceremony was the highlight of the celebration. All new instructors on the faculty were installed as knights after first answering a few questions by St. Pat. Some profs were resentful and, begorra, they had a kangaroo court to change their minds. It more or less amounted to good-humored razing of the profs. But the profs weren't by themselves. The seniors got the same treatment.

Today the dances and parties highlight the weekend, and the traditions and ceremony which once made up the flavor and spirit of St. Pat's are declining. If it continues this tradition will simply be reduced to a formal dance of two nights duration, something which many other colleges are able to handle on a much grander scale. By retaining the customs of the celebration, the uniqueness is consequently preserved making it the attraction it is today and the greater attraction it has been in the past.

Perhaps St. Pat will be a little disappointed when he sees that a large number of his Miners have ignored his edicts concerning beards and shillelaghs. He probably thought that they were men enough to fulfill these simple requests.

St. Pat's today is a lot of fun, certainly, but does its chiefly concern St. Pat? Think about it before you answer. It wouldn't be too great a problem to revive it to its former status. Bring back the old customs and keep the good points of our current celebration. Add something original to the ceremony each year and you'll be adding something to St. Pat's to make it an even more gala and unique celebration.

## The Reviewer's Stand

"MARY, MARY"

The film version of Jean Kerr's play, now in its third year on Broadway, is as gay as its stage counterpart and in some respects almost as theatrical. It appears to be somewhat of a reproduction of a reproduction of a stage play, with about 95 percent of the scenes on a single set. Also, there seems to be an overdose of histrionic gestures. But with Debbie Reynolds in the female lead role and Mervyn LeRoy's reputation as a director, the picture should provide excellent entertainment. Barry Nelson, as Miss Reynolds' ex-husband, and Michael Rennie, as a fading film star, are from the original Broadway cast. Diane McBain, playing a sexy blonde and Nelson's new girl friend, is another added feature. Hiram Sherman, as Nelson's tax attorney provides an added bit of humor.

The story concerns a divorced couple, Nelson and Reynolds, who have to meet again to straighten out a tax matter which was suggested by Sherman. This situation brings them together on a more romantic basis.

Jean Kerr's play was written for the screen by Richard L. Breen. Miss Reynolds wears some very attractive gowns that are enhanced in excellent color by Technicolor. The film will be shown at the Uptown Theater from March 8 to March 10.

## NEWS of the Week

**Pakistan:** This country, a military ally of the U. S. and a recipient of more than \$3,000,000,000 in American economic and military aid, has announced a policy of "friendly co-operation" with Communist China, and President Mohammed Ayub Khan will visit Peking. Pakistan has informed Washington that it no longer considers the U. S., CENTO and SEATO military alliances the center of its foreign policy.

**Viet-Nam:** Secretary of Defense Robert McNamara has flown to Saigon once again in an attempt to appraise the U. S.'s policy in the war against the Communist Viet Cong. President Johnson and Secretary of State Dean Rusk have declared that the U. S. has no intentions of fighting another Korea with large American forces in actual combat. The role of the 15,500 American soldiers now in Viet-Nam is limited primarily to furnishing advice, counsel, and training to the natives. It is suspected that the war will soon be lost if more support is not received from the Viet-Nameese people.

**Russian Wheat Sale:** Water-front unions have agreed to resume loading ships with wheat sold to Russia in return for a government pledge that 50% of all future wheat transported will be carried by U. S. vessels. The dispute arose when shipping contracts started going to foreign firms because rates on U. S. vessels are usually higher than most others.

## M Club Recruits at High School

The following is a reprint of the letter being sent by the M Club, the MSM varsity letterman organization, to all Missouri high schools and to all prospective students of MSM. It is hoped that this will help in introducing many incoming students to our improved varsity program.

Dear Prospective Student:

We of the Letterman's Club of Missouri School of Mines and Metallurgy would like to take this opportunity to welcome you. The "M" Club is a service organization composed of men who have lettered in varsity sports at Missouri Mines. In addition to numerous other activities, our main objective is to promote varsity sports at MSM.

As you may already know, MSM is scholastically one of the leading engineering and science schools in the United States. We are striving to see our school ranked as highly in intercollegiate athletics.

In recent years, our sports performance has been declining because of insufficient scholarships for prospective athletes. However, beginning next fall, an accelerated program will be launched to strengthen varsity sports, especially football, basketball, and track. Athletes will be offered not only an opportunity to study for an engineering or science degree, but may also receive financial assistance through participation in varsity athletics.

Varsity sports now offered are: Football, Basketball, Cross-Country, Swimming, Track, Rifle, Tennis, and Golf.

For further information, or for instruction on participation, contact Mr. Gale Bullman, Director of Athletics, Missouri School of Mines and Metallurgy, Rolla, Missouri.

Sincerely,  
Don Bacich  
President

P. S. MSM will hold "Open House," Saturday, April 11. We'd like to see you here!! See our booth at the exhibits.

**Florida Rail Strike:** President Johnson has ordered the FBI to investigate the violence connected with the 13-month-old labor dispute on Florida railroads. The strike has been marked by over 300 acts of violence and many trains derailed by dynamite.

**Tax Cut:** The \$11.5 billion tax cut, largest in the nation's history, is now in force. As President Johnson signed the bill last week, he expressed faith that the cut would greatly bolster the economy by putting more money in the hands of the consumer. The Chief Executive has promised a reduction in federal expenditures to cover the reduced income.

**Jet Crash:** An Eastern Airlines DC-8 carrying 56 persons crashed into 16 feet of water in Lake Ponchartrain minutes after taking off from New Orleans. Officials report no survivors.

**THE MISSOURI MINER**  
MISSOURI SCHOOL OF MINES AND METALLURGY

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FREE PARKING



# MSM's Major Northcutt: Veteran of Korean War

Although Major Maurice Northcutt is a new Army student at MSM this year, it can hardly be said that his face is unfamiliar to the upperclassmen on this campus. The reason for this being that Major Northcutt, prior to becoming a student, served for three years in the MSM Military Department.

## Begins Military Career

The Major began his military career in 1951, when he received an ROTC commission from Auburn. During the Korean War he was stationed in Germany as part of the NATO buildup there. It was there that he met the woman who later became his wife. Upon returning to the United States, he reentered civilian life, working for such companies as the Alabama Power Co.

## Army Offers Challenge

"I enjoyed my work, but I felt that it wasn't challenging enough," stated the major. So, in 1957, he returned to active duty. During one phase of his tour with the Army, he was stationed in Korea. His job was rebuilding roads and, in general, "getting the Army out of the mud."

When the Communists in North Korea broke an agreement by bringing new weapons into the country, the United States found itself forced to do the same. For the last half of his Korean stay, Major Northcutt worked on what the U. S. for security purposes called "tactical facilities."

## Koreans Are Congenial

While in Korea the major became acquainted with many of the Korean people. "I lived with people who hadn't before seen many foreigners. I found them to be very congenial and easy to make friends with. They have a cultural and historic background of which they are very proud."

"There are two sides to Korea which are to be seen. They're the life of the farmers and the life around the military bases. Many soldiers go to Korea with a poor attitude about being stationed in the country. Hence, they stay within the American compound and don't mix. They form the wrong impression of what Korea is really like and, in turn, help convey this distorted picture to other people. It's like saying that Chicago's Skid Row is in essence the United States. This isn't true and neither is their picture of Korea."

## North Korea Has Industries

Major Northcutt also mentioned that there is "no country in the world where division is so badly felt as in Korea. North Korea has the natural resources and industries to help Korean development, while South Korea has the food to feed the country. The only way the Koreans could be united would be through free elections in both halves, but this does not seem likely in the near future."

## Assignment: MSM

After leaving Korea, Major Northcutt was assigned to the School of Mines Military Department. He has served in the sophomore office, encouraging young men to go further in their ROTC program.

"I feel that the Army offers fine opportunities," stated the

major. "When a college student graduates with his B. S. in engineering, he will often go into industry, sometimes finding that it is not too difficult of a challenge and taxes his mental capacity very little. He is soon dissatisfied. I've found that in the Army each new job is not only challenging but also rewarding."

"We don't wave the flag when we encourage young men to go advanced ROTC because most of them realize their responsibility to their country and do not take their freedom for granted."

Major Northcutt lives in Rolla with his wife and three children. After he receives his M.S. in civil engineering this fall, he plans to tour Germany and Europe with the Army and his family.

# Hat Contest To Be Feature Of Dames Meeting

The March meeting of the University Dames will take place next Thursday evening at 7:00 p.m. in the Student Union Ballroom. At this meeting the nominating committee will present a slate of candidates for the 1964-65 officers. The Choraliers, the Dames' chorus, will sing.

As a special feature of the evening, there will be an original hat contest. Each Dame will create a hat, laboring under the following two rules: (1) that the hat be her own idea, and (2) that it be funny. The sky will be the limit.

During this month the Dames are preparing for the Easter season, and in keeping with this spirit, vited at the last meeting to make some piggy banks for the retarded children of Rolla. This will be done at a workshop planned for March 23, 1964. Each girl needs to bring a pair of scissors or pinky shears. Lois Koch is the chairman for this project, and will present final plans at the meeting next Thursday.

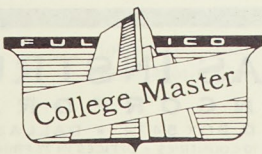
Mrs. Baker invited the Dames to the Dean's residence after the meeting for refreshments.

# BSUers Lead in Sedalia Revivals

This weekend eight students from the Baptist Student Union will be traveling to nearby Sedalia to participate in youth-led revivals. These revivals are part of a simultaneous effort in the Harmony Baptist Association. The students will be in the Smithton and Olive Branch Baptist Churches.

These students comprise two

## COLLEGE SENIORS ONLY



Telephone 364-5417

four-man teams. Jerry Siemens, sophomore from St. Louis, and Paul Starkweather, junior from Robinson, Illinois, will be the team leaders. Jim Meisenheimer, Dan Leininger, and Roy Brunson will be with Jerry at Smithton Baptist Church. At Olive Branch Baptist Church, with Paul as leader, will be Phil Smith, Jim Price, and Gary Achenbach.

# Crafton Receives Mining Stipend

James W. Crafton, son of Mr. and Mrs. William W. Crafton, Trenton, Missouri, has been named recipient of the Schlumberger Scholarship Award at MSM for the 1964 spring semester. He is a junior in the Department of Mining Engineering, Petroleum Option, with a 3.33 cumulative average. His semester grade average was 3.21.

Crafton entered MSM on a Dowell, Inc. Scholarship. His academic record here has earned him regular appearance on the Dean's Honor List, and he has been granted the Phi Kappa Phi Book Plate Award. He is a member of the Petroleum Section of the American Institute of Mining Engineering, president of the MSM Model Railroad Club, and also belongs to the Association for Computing Machinery, the Splunkers, and the Fifty-Niners Club.

## UPTOWN THEATRE

MOVIES IN CINEMASCOPE

Thurs., Fri., Sat. Mar. 5-7

'Palm Springs

Weekend'

Troy Donahue & Connie Stevens

Sun., Mon., Tues. Mar. 8-10

Sunday Feature at 1:30, 4:10, 6:50, 9:30

'Mary Mary'

Debbie Reynolds & Michael Rennie

Wed., Thurs. Mar. 11-12

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Fri., Sat. Mar. 6-7

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'The Electronic

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Rod Cameron & Mary Murphy

—PLUS—

'Johnny Cool'

Henry Silva & Elizabeth Montgomery

Sun., Mon. Mar. 8-9

Sunday Continuous from 1 p. m.

'The Man Who Knew

Too Much'

James Stewart & Doris Day

—PLUS—

'The Leech Woman'

Coleen Gray & Grant Williams

Tues., Wed. Mar. 10-11

'When Hell Broke

Loose'

Charles Bronson & Violet Rensing

—PLUS—

'The Cabinet of

Caligari'

Glynis Johns & Dan O'Herlihy

# Blue Key Forms Now Available

Blue Key honor service fraternity will be taking applications for membership until Friday, April 20, at 5:00 P. M. They may be obtained and turned in at the Student Union candy counter.

For membership in Blue Key, a person must have a minimum of sixty credit hours, an overall grade point of 2.40, and twelve Blue Key points.

Blue Key selects its members from students who have displayed outstanding leadership abilities on the MSM campus. The members in turn do service projects for the school and strive to further the best interests of the Missouri School of Mines.



## A ROBE BY ANY OTHER NAME

With the Commencement Day just a couple of short months away, the question on everyone's lips is: "How did the different disciplines come to be marked by academic robes with hoods of different colors?" Everybody is asking it; I mean everybody! I mean I haven't been able to walk ten feet on any campus without somebody grabs my elbow and says, "How did the different disciplines come to be marked by academic robes with hoods of different colors, hey?"

This, I must say, is not the usual question asked by collegians who grab my elbow. Ordinarily they say, "Hey, Shorty, got a Marlboro?" And this is fitting. After all, are they not collegians and therefore loaded with brains? And does not intelligence demand the tastiest in tobacco flavor? And does not Marlboro deliver a flavor that is uniquely delicious? And am I not short?

But I digress. Back to the colored hoods of academic robes. A doctor of philosophy wears blue, a doctor of medicine wears



Why, Why?

green, a master of arts wears white, a doctor of humanities wears crimson, a master of library science wears lemon yellow. Why? Why, for example, should a master of library science wear lemon yellow?

Well sir, to answer this vexing question, we must go back to March 14, 1844. On that date the first public library in the United States was established by Ulrich Sigafos. All of Mr. Sigafos's neighbors were of course wildly grateful—all, that is, except Wrex Todhunter.

Mr. Todhunter had hated Mr. Sigafos since 1822 when both men had wooed the beautiful Melanie Zitt and Melanie had chosen Mr. Sigafos because she was mad for dancing and Mr. Sigafos knew all the latest steps—like the Missouri Compromise Samba, the Shays' Rebellion Schottische, and the James K. Polk Polka—while Mr. Todhunter, alas, could not dance at all, owing to a wound he had received at the Battle of New Orleans. (He was struck by a falling praline.)

Consumed with jealousy at the success of Mr. Sigafos's library, Mr. Todhunter resolved to open a competing library. This he did, but he lured not one single patron away from Mr. Sigafos. "What has Mr. Sigafos got that I have not?" Mr. Todhunter kept asking himself, and finally the answer came to him: books.

So Mr. Todhunter stocked his library with lots of lovely books, and soon he was doing more business than his hated rival. But Mr. Sigafos struck back. To regain his clientele, he began serving tea at his library every afternoon. Thereupon Mr. Todhunter, not to be outdone, began serving tea with sugar. Thereupon Mr. Sigafos began serving tea with sugar and cream. Thereupon Mr. Todhunter began serving tea with sugar and cream and lemon.

This, of course, clinched the victory for Mr. Todhunter because he had the only lemon tree in town—in fact, in the entire state of Maine—and since that day lemon yellow has, of course, been the color on the robes of masters of library science.

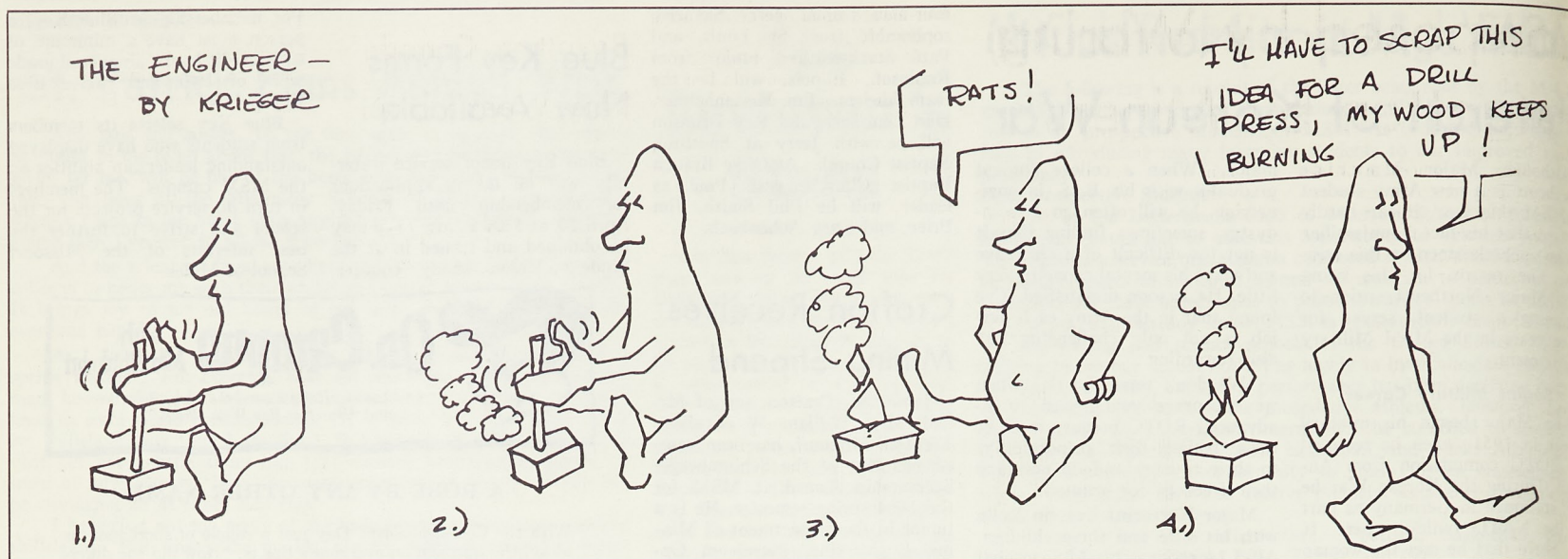
(Incidentally, the defeated Mr. Sigafos packed up his library and moved to California where, alas, he failed once more. There were, to be sure, plenty of lemons to serve with his tea, but, alas, there was no cream because the cow was not introduced to California until 1937 by John Wayne.)

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\* \* \*

Today Californians, happy among their milch kine, are enjoying filtered Marlboro Cigarettes in soft pack or Flip-Top Box, as are their fellow Americans in all fifty states of this Marlboro Country!





## Skitek Gives Opinions On Student Housing

The Miner interviews this week Professor G. G. Skitek, of the Electrical Engineering Department. Our subject is the housing situation. Professor Skitek, we feel, is quite an expert in the area of housing since he is a member of the Campus Planning Committee and also has been appointed by the mayor of the city of Rolla to sit on the City Planning and Zoning Committee. He is also a member of the Rolla Chamber of Commerce and has the growth of the school and the town near his heart. This being the case, we feel that his answers to some of these housing questions will be from the position of the school and the position of the city of Rolla.

*Do you think the present housing situation is adequate?*

As we all know, the school is growing very rapidly, and we should plan our housing for single and married students to take care of this growth. We should also strive to increase the quality of our housing on and off campus for all of our students. At the present time the school has plans to construct a single student dormitory just due south of Rayl Hall, and I know of at least two development companies that are planning to build single student and married student facilities. I do believe that this will be adequate in the very immediate future, but other plans for future housing must be made now.

There is one area that I feel the school should develop and that is single women's housing. Our enrollment of single women students has increased terrifically in the

past few years. If this increase continues, in a few short years we will have, in my estimation, a more critical problem with respect to single women's housing than single men's housing.

*Should upperclassmen have the same housing regulations as freshmen, or do you think an age limit such as twenty-one should be the criteria?*

I am a firm believer in freedom of choice in many areas, and housing is one of them. But, as we all know, some may be tempted to put up with low grade housing even though it may not be good for health and academic growth. I feel that, since there is a magic age such as twenty-one for regular voting, this age should also be the criteria for freedom in housing. When a student gets to the age of twenty-one he is a "big boy" and should be able to take care of himself.

*How do you think student house owners and other Rolla citizens, who will be affected, will react to legislation from the school?*

Let us keep in mind one thing, and that is that many Rolla citizens have added rooms to their homes, built rooms in the basement, etc. when the school was hard pressed for single student housing, and I feel that the school should be grateful to them for their assistance. Now, since we do have single and married student housing on the campus, I feel that any regulations from the school pertaining to off campus housing should be legislated with tact and an air of assistance rather than domination. Housing regulations

controlled by the school, I feel, will greatly improve the housing situation in Rolla, but I feel that we should go into this area with a slow approach. I feel that these below standard houses can be sifted out without actually being discriminated against by the school.

*Do you think regulations as to the quality of living quarters could be successfully enforced?*

As I have stated, I feel that housing regulations can improve housing facilities in Rolla, and I think they can be successfully enforced if proper tact is used in their enforcement. The housing problem is dear to many people in Rolla, and I suggest that the school solicit their opinions. As a matter of fact, I feel that the people in Rolla that provide housing for students should be contributors to the regulations that are passed.

## Faculty Members Attend Annual AIMME Meeting

Twelve members of the faculty at MSM attended the annual meeting of the American Institute of Mining, Metallurgical and Petroleum Engineers in New York last week.

Three of the group hold committee offices in the organization. Dr. Paul Procter, chairman of the Department of Geological Engineering and Geology, is co-chairman of the program committee of the Geological Engineering Section for the fall and spring national meeting of the AIMME. Dr. Ernest Spokes, chairman of the Mining Engineering Depart-

ment, was chairman of the nominating committee of the Society of Mining Engineering. Dr. D. S. Eppelsheimer, chairman of the Metallurgical Engineering Department, is one of the examiners for the Engineering Council of Professional Development, AIMME accrediting committee, and attended a meeting of that group.

Other faculty members attending the meeting were Dean Merl Baker, Dr. H. P. Leighly, Dr. H. R. Hanley, Prof. A. Legsdin, Norbert Vermaut, Dr. J. J. Scott, Prof. R. L. Ash, and Dr. G. B. Clark. Francis Edwards, secretary of the MSM Alumni Association, also attended.

Three Rolla members of the Woman's Auxiliary of the AIMME took part in Women's activities at the meeting. They were Mrs. Merl Baker, Mrs. J. J. Scott, and Mrs. Ernest Spokes. Mrs. Spokes was the delegate from the local WAAIMME.

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## Greek News

### Lambda Chis Initiate 13, Construct New Addition

Thirteen men have been initiated into the brotherhood of Lambda Chi Alpha. They are: Don Ellison, Bakersfield, Calif.; Larry Parks, Rolla, Mo.; Jim Hood, Birmingham, Ala.; Dave Lee, Springfield, Mo.; John Munns, Kansas City, Mo.; Gary January, St. Louis, Mo.; Jim Dinges, Rolla, Mo.; Harry Anderson, Knoxville, Tenn.; Glen Turner, Birmingham, Ala.; Roger Fox, Harrisburg, Ill.; Bob Pohl, Kirkwood, Mo.

The big news at 1705 Pine centers around the new addition to the house. With the plans approved, financial backing assured, and the contract let, construction is expected to start soon. The \$75,000 addition will be ready for the brothers to move into next

fall and will increase the total house capacity to 64 men. A fully carpeted living room and fireplace will add to the home like atmosphere of the house.

A strong slate of officers were recently elected to lead the house through this year. Serving as president will be Wayne Fenner; vice-president, Bob Schlutow; secretary, Steve Lee; treasurer, Gene Branson; rush chairman, Jim Bertelsmeyer; pledge trainer, Gene Faenger; ritualist, Dave Wristen; social chairman, John Paul; business representative, Terry Watson; house manager, Jim Schnarr. Professor J. P. Govier continues to do an excellent job as faculty adviser.

### PiKA Celebrates Founding and Holds Initiation Banquet

Twelve new members were initiated into the Pi Kappa Alpha Fraternity last Saturday, February 29. The newly initiated brothers are: Jack H. Ahrens, Rubin I. Carter, Marvin A. Darrough, James A. Dollar, Gary R. Graham, Robert D. Hanse, Frank W. Kelton Jr., Robert J. McCoy, Stephen C. Sims, and Terry K. Swartz. In the evening ceremonies, Marvin A. Schneller, was made an Honorary Initiate.

On Sunday, March 1, the chapter celebrated the 96th anniversary of the founding of the national fraternity. In the morning the annual meeting of the chapter house corporation was held, and was followed by presentation of awards and guest speaker John Browning, National Rush Chairman and administrative assistant to the governor of Arkansas. Recipients of the awards were — Rick Milliman, highest scholastic improvement; Al Cruce, Gary Holland, and Larry Littlefield, scholarship key; Charles Dakin, athletic scholarship award; and Maury Green, Al Kamp, alumni scholarship award.

### Delta Sig Gets New Officers

The Delta Sigma Phi Fraternity recently installed new officers to preside over functions in the house. The officers will serve for the calendar year of 1964. Our new officers are: Rich Terry, president; Tom Gardner, vice-president; Terry Martin, secretary; Mike Keefe, treasurer; and Bob Cox, sergeant-at-arms.

Delta Sig was glad to welcome a new pledge aboard — Mr. Rich Thom, a sophomore physics co-op with McDonnell.

On the weekend of February 14-16, we had our annual Valentines Party, and Carnation Ball. We're now looking forward to an even better Saint Pat's party.

### Theta Chi Elects New Officers And Initiates Three Freshmen

The Theta Chi Fraternity recently elected officers for the spring, 1964 semester. The new officers are: president, Richard Beckmann; vice president, Richard Hydzik; secretary, Sonny Wideman; treasurer, George Ambrose; marshal, James O'Bryant; 1st guard, Dan Schmidt; 2nd guard, Peter Pulis; chaplain, Gerry Johanpeter; librarian, Bill Gunn; historian, Ron Laupp; steward, Peter Pulis, and assistant

treasurer, Tony Conigliaro.

On February 9, three freshmen were initiated into the brotherhood of Theta Chi. The new brothers are Dan Ward, a mechanical engineering major from Williamsville, Mo., Thomas Rezonaya, a mechanical engineering major from St. Louis, Mo., and David Weigel, an electrical engineering major from Roosevelt, New York.

Kenneth Colbert, sentinel; James Abramowitz, historian. Congratulations to the officers who served last semester.

### AEPi Holds Election

Recently Alpha Epsilon Pi fraternity held elections for its officers to serve during the 1964 spring semester. The results were as follows: Jules Subow, master; David Faintich, scribe-exchequer;

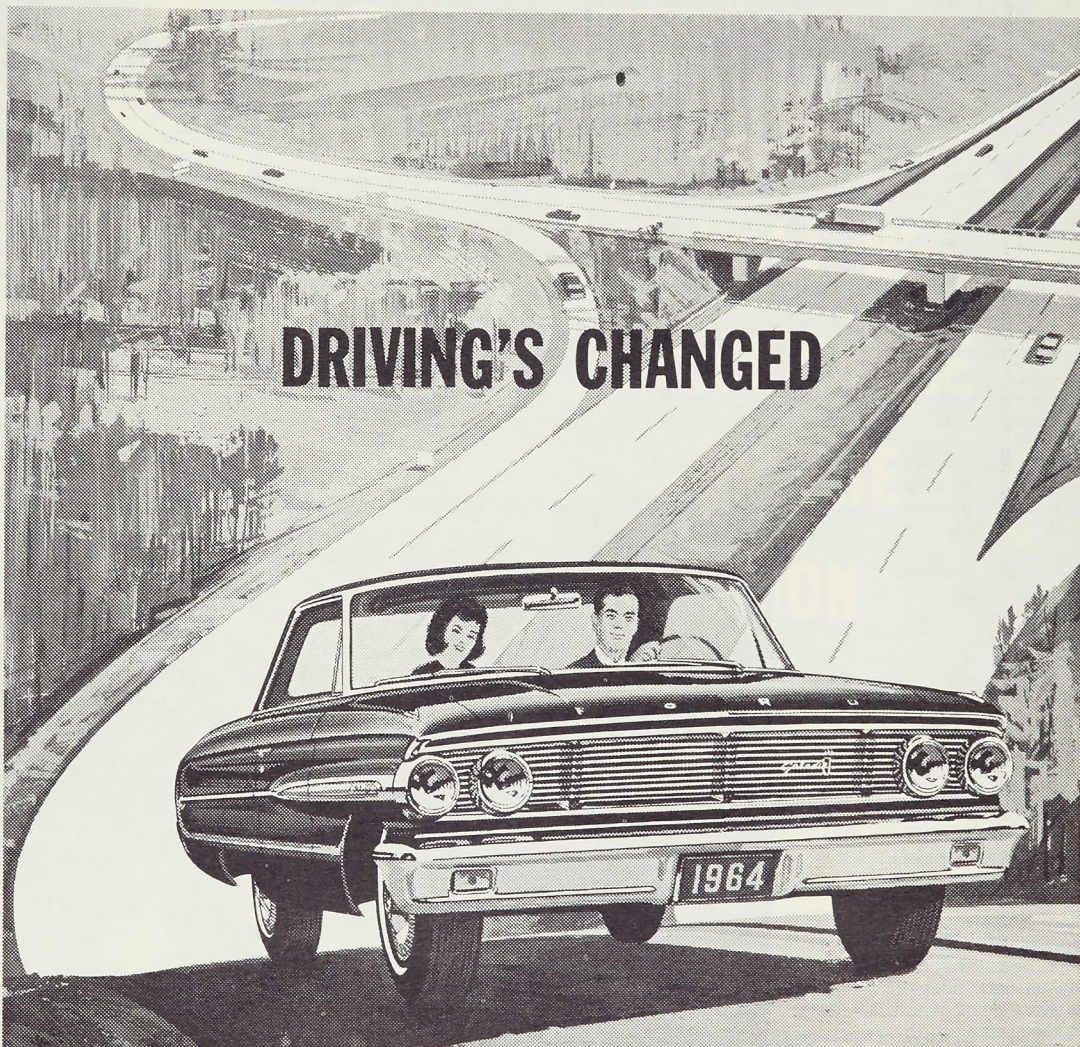
5 MORE  
DAYS 'TIL  
ST. PAT'S

### CSO Lecture On Religion

The Christian Science Organization will sponsor a one hour lecture exploring religion as an ultimate science on Friday, March 6. It will be presented by Geith A. Plimmer of the Christian Science Board of Lectureship.

The lecture, open to all students, their wives, and the faculty, begins at 7:30 p. m. at the First Church of Christ, Scientist, 612 State Street.

Mr. Plimmer was formerly a schoolmaster in New Zealand and his native Australia and a joint headmaster in England. He left the teaching profession some years ago to devote his full time to the practice of Christian Science. He served as officiating minister to the Allied Forces in Italy during World War II and has also represented Christian Science in radio and television appearances over the B. B. C.



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# MSM to Intensify Its Search for Students

MSM plans to take steps to effectively increase the school's freshman class next year through better public relations and a program of intensified "rushing."

The school, acting on the premise that fraternities and organizations rushing for new members are in reality rushing for the school, has offered its co-operation in this endeavor. Due to the recent acquisition of its new data processing equipment, the registrar's office will be able to submit a list of all new students accepted for fall admission at a much earlier date than was possible in the past. The Inter-Cooperative and Inter-Faith groups, and the Inter-Fraternity Council utilize this list, which provides in-

formation concerning the students' home towns, addresses, high schools, and religious preferences, to contact these individuals and invite them to consider their various organizations.

In addition to this, the alumni are taking part in recruiting prospects for attendance at MSM. On Thursday, March 19, the Kansas City section of MSM's Alumni Association will host a "Rolla Night Program," much like the annual one sponsored by the St. Louis Engineering Club. Dean Baker will be the guest speaker at this event with several department chairmen present to meet and talk to interested students and their parents.

Although the "rushing" program is still primarily in the planning stage, increased activity will undoubtedly ensue, providing an enlarged influx of college material.

## Chess: To Open, Or Not to Open

"All Gaul is divided into three parts," so is this true in regard to a game of chess. Instead of Aquitania, Gaul proper, and Belgica, the chess game consists of the opening, the middle game, and the end game. This week the discussion will concern itself with the opening since this is the initial stage of play.

The purpose of opening play generally is not to directly attack the opponent's king but rather it is concerned with the execution of the necessary development of the pieces. Developing the pieces simply means posting them into effective positions, either for the safety of the king, or for a favorable transition into the middle game. Generally speaking, a heavy advantage, obtained in the opening, will result in a victory for the player who possesses this edge. With this concept in mind, one should give great attention to the opening phase of the game.

Since the player with the white pieces has the first move, he will try to retain this small advantage (known as the initiative) throughout the opening. Because of this, black's concern is to equalize his position with respect to white. This equalization usually occurs after the first seven to twelve moves have been completed. Of course, the rapidity of equalization will depend upon the correctness of play on both sides of the board. The exact point of the transition from the opening to the middle game is arbitrary.

There are certain established patterns of opening moves. These patterns are known as openings. Thus a player may choose a particular opening chosen. Many successes in tournament play have been recorded due to the fact that the victorious player had a better knowledge of a certain opening than that of the losing player. One cannot, however, have a knowledge of all the available openings in chess because of the unusually large number of them. There are exactly 169,518,829,100,544,000,000,000,000 possible combinations for the first ten moves in a game of chess. One can readily see the impracticality of attempting to memorize all of the chess openings. It can be said that a knowledge of just a few of these openings will greatly aid the chess player.

## MAN-OF-THE-MONTH

(Continued From Page 1)

Council. Among his professional organizations are the A. S. M., Alpha Sigma Mu, and A. I. M. E. of which he has been secretary.

While at MSM, Bill has received the Harry H. Kessler Scholarship, the Kennecott Copper Corporation Scholarship, and the Hopper Memorial Scholarship. Also indicative of his superior scholastic standing, Bill has received the Phi Kappa Phi Book Plate Award and a Gold Key from the Student Council. He has also served as chairman of the Student Traffic Committee.

All of these activities and honors have gained for Bill the honor of being selected for Who's Who in American Colleges. After graduation Bill plans to be married to Miss Susan Fiok on June 13. He will spend the summer at Monsanto Research Corporation's Mound Laboratory in Miamisburg, Ohio. Next fall Bill is planning tentatively to enter the University of Illinois for graduate study in Nuclear Engineering.

## LITTLE MISS ON CAMPUS



"If you ask me I'd say Ellen's new formal was cut rather low."

## THE BELL TELEPHONE COMPANIES SALUTE: KEN MCINTYRE

Ken McIntyre (A.B., 1957) guides the activities of more than 100 telephone people in St. Louis. He is supervising service foreman in one of the city's largest districts, an area that counts more than 100,000 telephones. Ken is responsible for the installation and maintenance of all this telephone equipment.

Diversity of assignments in the Plant Department of Southwestern Bell marked Ken for his present position. His

talents came to the fore when he helped implement the company's cable pressurization program. He soon became an expert in this field, which is literally "air conditioning" lines so that leaks can be quickly spotted and repaired.

Ken McIntyre, like other young men, is impatient to make things happen for his company and himself. There are few places where such restlessness is more welcomed or rewarded than in the fast-growing telephone business.



## BELL TELEPHONE COMPANIES

### TELEPHONE MAN-OF-THE-MONTH





# Composed by Waring; Forgotten by Miners

The Missouri School of Mines has no official song. Even though this fact may not bring tears to the eyes of many Miners, a fine school such as MSM should have some kind of official Alma Mater or "fight song." An official school song, to be sung by the Glee Club, accompanied by the Band at half-time of games and sung by the glee club before their concerts would give MSM's school spirit a tremendous "shot in the arm," which it needs badly.

The following is a copy of the proposed song, possibly to be made official in the near future if it meets with approval.

## "FIGHT, MISSOURI MINER FIGHT"

Words are not enough, we haven't got enough,  
 To quite define a Miner.  
 Girls who've met the man cannot forget the man,  
 They cry, "Make mine a Miner."

Who's a man that's out to win, a mighty fighting man, sir,  
 Who's a man that won't give in, a Miner is the is the answer.

Watch the team appear, hear the people cheer,  
 Hear the cheer that rings in every ear.

Fight, Missouri Miners, fight with fury, Miners.  
 Go on to victory today.  
 Let's go till the foe starts to fold,  
 Make him bow to the silver and gold.  
 Hold tight, Missouri Miners, Fight with fury, Miners,  
 Down the field we'll clear the way.  
 So let's show the fury that's here in Missouri,  
 Fighting Miners are the ones,  
 So fight, you fighting sons of guns.

The above song was composed by none other than Fred Waring. Professor John Brewer, head of the MSM Glee Club, had these comments on the proposed song, and the popularity of school anthems in general.

"The present song (above) has been in use, off and on, for the past seven years. We have tried two or three others during that time but have always returned to this one."

## SAME Elects Officers, Hear Black Speak

At its February 27th meeting the Society of American Military Engineers held its bi-annual election of officers. David Britton was elected to the presidency, and Jerry Davis to the vice-presidency. The other officers elected to serve this spring semester are: Dale Kiefer, secretary; James Strickler, treasurer; and Evan Thomas, reporter.

The guest speaker for the evening was Captain W. T. Black of the Military Department. Captain Black's association with the Army logistics organization in Europe provided the background for his program on the use of computers for data processing and clerical work.

When asked to comment on why the song is neither well known nor much heard, Prof. Brewer had this to say: "The song is difficult to sing and difficult to play because it continuously modulates between several different keys. When we complete a four-part harmony for the glee club, the song will be used much more frequently. Neither have we

ever agreed upon one official song for MSM."

He further comments, "School songs of the present time don't carry the prestige that they formerly had."

Our school song will be much improved and supported the next two semesters, especially by the Glee Club, which will use it in its three concerts in the spring, one of which will feature band accompaniment.

It would be good of the Student Body to support Prof. Brewer, the Glee Club, and the band in this worthwhile endeavor to give MSM an official school song . . . at long last.

## Revolt in Canada This Week's Topic At Friday Forum

This evening Friday Forums will focus on Canada and the possibility of the separatist movement not only splitting Canada, but bringing to the northern doorstep of the United States a situation similar to that in Africa. Titled, "Possibilities of Revolution in Canada," the presentation and discussion will be led by Dr.

David Wulfman of the Chemistry Department. Friday Forums meets in the auditorium of the Civil Engineering Building at 7:30 p.m. Refreshments follow the program. This is the second of a series of programs designed to encourage faculty and student exploration and discussion of areas vital to an enlightened understanding of the 20th century world. Friday Forums will not meet St. Pat's weekend but will resume the following week. Watch the MINER for future announcements.



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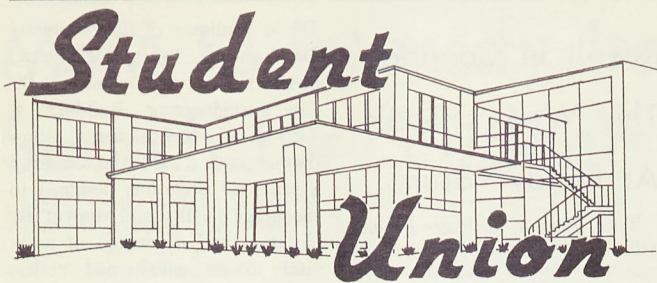
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## Panel Discussion On Benefits of the Professional Engr.

The Student Union Board, in co-operation with the Missouri Society of Professional Engineers, is sponsoring a program on Professional Engineering and the College Engineering Student. A proposed panel group will expound on the aims and ideals of Professional Engineering, and how the engineering graduate can benefit from becoming a P. E.

The program, which is slated to take place in the Student Union Ballroom at 7 p.m. on April 2, will be opened by Dr. Merl Baker, P. E., Dean of MSM. He will introduce the panel consisting of Mr. Garvin Dyer, P. E., Past President NSPE, who will speak on "The Philosophy of Registra-

tion and Its Effect Upon the Entire Engineering Profession;" Mr. Albert Stephan, Ass't Attorney General of Missouri, who will talk on the "Legal, Ethical, and Reciprocal Aspects Within a Profession;" and Mrs. Howard Honefenger, P. E., Past President MSPE, who will speak on "How Professional Engineering will Help the Individual Engineer."

Following a summary by Dean Baker, the floor will be open to questions directed to the panel by the students.

It is hoped that all interested students will support this informative program, which is a forerunner to the Engineer-In-Training testing program to be held later in April.

## Tiddlywinks Time is Here

Again this year the Student Union is sponsoring the all popular, fast-moving sport of Tiddlywinks. Originating at Harvard as a college sport, it quickly spread to our campus and proved to be a big success, again showing that our school will not be outdone. Since this all popular sport is fairly new on the MSM campus, few Miners are skilled in flipping the winks, so all those entering will be on an even basis. Everyone should enter to prove to the nation's schools that MSM will not be outdone. Sign up now on the sign-up sheet in the Student Union, and challenge your friends in dropping those winks in the cup.

school and departmental policy. Invariably his efforts have succeeded in achieving the most desirable and beneficial results consistent with such policies.

For these reasons the MSM Radio Club is proud and honored to welcome these two gentlemen to full lifetime membership.

## Life Membership In Radio Club To Nau and Nolte

The Missouri School of Mines Radio Club agreed by unanimous vote at the meeting held on January 23, 1964, to award lifetime memberships to Doctor Roger E. Nolte, chairman of the Electrical Engineering Department, and Professor Robert H. Nau, the club's faculty sponsor and advisor.

The presentation of such memberships is an unprecedented event in the history of the club. Lifetime memberships in the Radio Club have previously been restricted to persons who have at one time been active club members and who have contributed to the club's welfare above the normal requirements of membership, or to those who have contributed to the club after their graduation from MSM.

Professor Nau, who for nearly seven years has served as faculty advisor for the club, has often expended effort far beyond that required by his position. He has demonstrated beyond any doubt his ability and desire to assist the club and fulfill the obligations of his office.

On numerous occasions Dr. Nolte has interceded on the club's behalf when proposed club action has involved points dealing with

## Sunday Film

### "To Hell and Back"

2:30, 5:00, 7:30

March 8, 1964

"To Hell and Back" starring Audie Murphy and Charles Drake.

The true life story of Audie Murphy's World War II combat experiences is dramatically brought to the screen as a powerful and heartwarming tribute to the youngster who won the plaudits of the nation when he emerged from the war as America's most decorated hero.

### "The Innocents"

March 22, 1964

"The Innocents" starring Deborah Kerr.

## Dr. Merl Baker Speaks Before Kentucky ME's

Dr. Merl Baker, dean of MSM, was guest speaker at a joint meeting of the Western Kentucky and Southern Illinois sections of the American Society of Mechanical Engineers at the Cabana Club in Paducah, Kentucky, February 17. Dr. Baker's topic was "Engineering Education in Changing."

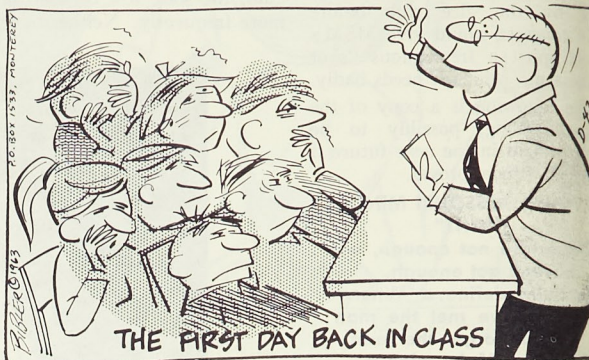
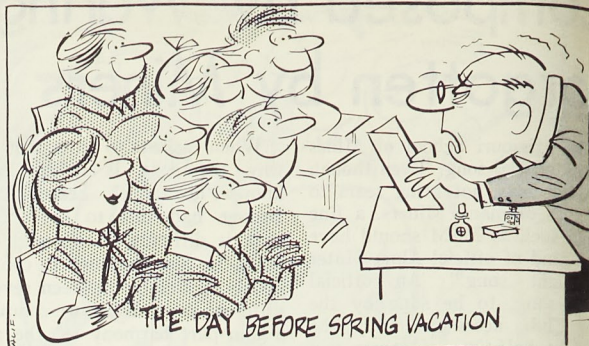
Dr. Baker became dean of the Missouri engineering school in September, 1963. Before assuming that post, Dr. Baker was executive director of the Kentucky Research Foundation and Director of International Programs at the University of Kentucky.

After service in the U. S. Navy, Dr. Baker served as part-time instructor in mechanical engineering before joining the University of Kentucky faculty.

Dr. Baker's professional activities have won him recognition from both professional and civic groups. He received the Pi Tau Sigma Gold Award from the American Society of Mechanical Engineers in 1953. In 1957 he was chosen by the Junior Chamber of Commerce as one of three outstanding young men in Kentucky. He has also received the Award of Merit by the American Society of Heating, Refrigeration and Air Conditioning Engineers for teaching in the field of air conditioning.

Dr. Baker's civic activities include Rotary International, Boy Scouts, and church activities.

## LITTLE MAN ON CAMPUS



## William Gammon to Head Ashland's Research Dept.

William H. Gammon, a 1949 chemical engineering graduate of MSM, has been named director of research and development for Ashland Oil and Refining Company.

In his new position he will coordinate all research activities for Ashland Oil. The company has major research centers at Ashland, Ky.; Houston, Aransas Pass, and Baytown, Tex.; and Akron, Ohio, plus several testing and development facilities at refineries and manufacturing plants.

Gammon will continue to live in Houston, where he has been serving since September, 1963, as manager of research and develop-

ment for the United Carbon division.

A native of St. Louis, Gammon has been employed by Ashland Oil since 1955. He joined the company as senior chemical engineer and was named assistant director of research and development for Ashland Oil in 1960.

Gammon was an outstanding student at the School of Mines during the 1940's and a player on the Miner football team. A member of Kappa Sigma, he received the fraternity Man-of-the-Year award in 1948-49. He was a member of Tau Beta Pi honor society and received First Honors when he was a senior.

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## Varsity Cindermen Battle Weather in Pre-Season Practice

A twenty-man force, consisting of seven lettermen and several freshmen, has braved snow, rain, and mud to prepare for the 1964 MSM intercollegiate track competition. Although the adverse weather conditions have hampered the cinder-stompers' practice schedule, Coach Gale Bullman feels sure that the needed confidence will be gained in the following days of practice, including the non-scheduled bout against SMS and John Brown U.

As of this writing, the Miner squad includes men in every event, although several will perform dually. Letterman Skip Damotte, and Willie Arthur will compete in the distance runs of one, two, and three miles. The 100- and 200-yard dashes will be run by Tom Miller, Gene Albrecht, and Lenn Koderitl. In the middle distance class (440 and 880), Ed Tharp and Ted Moore will run as lettermen, and newcomer Fred Vogt will round out the event. The mile relay team will be selected from Koderitl, Vogt, Moore, Tharp, Miller, and Albrecht. Moore and Tharp are all that is left of last year's relay team, which was one of the best ever produced at MSM. Transfer student Bob Erxleben

and Dennis Schivieger will attempt the high and low hurdles, and Fred Vogt will run the 330 hurdles.

In the weight division, letterman David Faintich will compete in the shot put, javelin, and discus as the only MSM veteran. Completing the shotgun squad are Joel McKell, Paul Woley, Tom

student from Cape Girardeau Bob Erxleben will break the school records in the hurdles competition, and Alford could possibly top the current high jump mark. Ineligibility of five key track men was a recent headache for the Miner mentor, however, he hopes that the current squad will be able to carry the load.

### MSM INTERCOLLEGIATE TRACK

Sat., March 21 ..... Indoor Conference Meet at Columbia  
Mon., March 30 ..... Wheaton College at Rolla  
Sat., April 4 ..... Drury College at Rolla  
Sat., April 11 ..... Principia College at Elsah, Ill.  
Sat., April 18 ..... Evangel College at Rolla  
Wed., April 22 ..... Washington University at Rolla  
Sat., April 25 ..... Open Date  
Tues., April 28 ..... Westminster College at Rolla  
Fri., May 1 ..... Southwest State College at Springfield  
Fri. & Sat., May 8 & 9 ..... Conference Meet at Kirksville

Buyse, and Mike Brueckman. McKell will also team up with Faintich in the discus. Erxleben, and Dalton Welch will throw the javelin. Oldster Jay Alford, Erxleben, and Brueckman will represent MSM in the high jump, and Dennis Covall, Dennis Heeger, and Miller will be in the broad jump event. The latter men will also be used for the hop, step, and jump, as necessary.

It is hoped that the transfer

The first meet will be the indoor conference gathering at Columbia, on Saturday, March 21. All six MIAA league teams participate in the event which was won by Kirksville last year. The Silver and Gold of MSM took fifth in that same match.

## Miners Take Second in Meet

A triangular track meet with SMS and John Brown U. was on the agenda last Saturday, however the results for the Miners will not be posted in the season record. Although MSM did place second, the invitation was extended as a practice meet, the regular season getting underway March 21.

Springfield scored 89 points to sweep the victory. The Miners 24½ points and John Brown's 15½ unfortunately do not even add up to half of the third party's total. The Bears took firsts in eight events, and took both first and second in six of those eight.

Bob Erxleben nabbed two first place spots for the Miners, one in the 60-yard high hurdles, the other in the 60-yard low hurdles. A time of 7.5 seconds in the low event was enough to break the track record at Springfield. Bob timed 8.4 in the other run.

Grime set a new record in the mile relay, as he came in second with a time of 57.8 seconds.

## Cape Off to Beaumont; Three-way Tie for Second

March 6 & 7 will find the SEMO Indians in Beaumont, Texas, representing the MIAA in the NCAA regional playoffs. Cape earned this honor by completing the conference season with only one loss. In their final conference game, Cape used a sizzling second half to overcome the Miners, 91-73. SEMO suffered its only loss at the hands of the Springfield Bears. SMS finished in a three way tie with Korksville and Warrensburg, all finishing with 6-4 records. NWMS of Maryville took fifth place with a 3-7 record, while the Miners finished in the cellar with an 0-10 record.

Bud Vallino, all-conference star of Warrensburg, finished on top in both scoring and rebounding. While competing in 22 games this season Vallino scored a total of 502 points and grabbed 252 rebounds. Vallino is a cinch to make the all-conference team for the fourth straight year.

Another round-baller with an excellent chance to take all-conference honors is the Miners' Ralph Farber. Farber scored 445 points in 23 games. The little guard also picked off 156 rebounds to finish ninth in that department. Other men who, based on their individual records, have a chance to make the mythical team are Bolden of Springfield, Niera of Maryville, and McClinton of Selvage of Kirksville. Marty Howard of the Miners places in front of some of these men, but it would be

very strange to have two men on the all-conference team from a school which did not win one conference game. Also very unusual is the fact that Cape does not have a man equaling the qualifications of Marty Howard even though they took the league by storm. Their best is Don Ringstaff.

A run down of Miners statistics shows Farber with a 20.9 scoring average, followed by Howard with 12.5 and Jack Hornbuckle with 8.2 points per game. Howard led the team in rebounding with 228, followed by Farber with 156 and Hornbuckle with 120.

Over the season, the Miners scored an average of 72.4 points per game against their opponents' 86.3. They averaged 61.6 percent on freethrows to the opponents' 70.0 percent; and were out-rebounded 993 to 876 rebounds.

## FINAL MIAA STANDINGS

Team	W	L	Pct.
Cape	9	1	900
Warrensburg	6	4	400
Kirksville	6	4	400
Springfield	6	4	400
Maryville	3	7	300
MSM	0	10	000

## SIDELINES

By Bruce T. Gregg

The time has come for the 75 well conditioned to pit their skills against each other and the outcome will be nine victors in their respective weight classes. The wrestling eliminations started last Tuesday night and by the time this paper reaches the student body the results will no doubt be known to most. For the last several weeks the men who entered have been steadily working out, attempting to work into prime condition. Best of luck to them all for each has put forth quite an individual effort.

A Stoic Philosopher once stated that it is not who wins, but how the game is played. And the truth of this is evidenced in the Olympic Games, whose purpose is not to seek a winner but to allow athletes to do their best in competition.

Last year Sigma Phi Epsilon took first place in wrestling with 36 points; the Prospectors were second with 33 points; and the MRHA were third with 25 points. As far as this year no one can really tell. Only 5 out of last years wrestling victors have re-entered this season to try recapturing their title. Those returning champions are Craig Dunn and Bob Sommerkamp from Sigma Phi Epsilon; L. Houchen and Bill Hagen from the Prospectors; and Allen Smith from the MRHA. These are the men to watch but by all means there will be contenders. All in all there will be quite a few interesting matches this next week and it would be well worth your time to be present for as many as possible.

### BUD GLAZIER

(Continued From Page 1)

make ourselves felt in both competitive football and basketball."

Glazier is the second new man to be added to the school coaching staff in recent weeks, bringing to five the number of full-time physical education staff members. Billy Allen Key, chairman of the physical education department of the St. Louis Junior College District, was named basketball coach, succeeding Dewey Allgood, who will take over as head football coach. Burr Van Nostrand, associate professor of physical education and swimming coach, will also continue on the football coaching staff.

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# "Catch-as-Catch-Can" Wrestling on MSM Program

By James Strzelec

Records show that wrestling was developed independently in many different early civilizations. Styles and rules of wrestling varied considerably in different countries and regions. The two main types of international amateur wrestling today are the "catch-as-catch-can" and "Graeco-Roman;" both are on the program at the Olympics.

"Graeco-Roman" wrestling is confined largely to Europe and was made very popular by the French in the last century. This form is very restricted and no leg holds are allowed. The original objective of this style of wrestling was to cause the opponent to touch ground with any part of his body other than his feet.

The "catch-as-catch-can" style of wrestling is the style generally used throughout the United States today. Holds on all parts of the body are allowed and a match may be won by a pin or by points. In a decision by pin it is necessary to hold both shoulders of an opponent down for either one, two or three seconds. In a decision by points the wrestler is awarded points for take-downs, escapes, reversals and other maneuvers. No kicking, jabbing or choking is allowed which might result in injury to either contestant. Also, certain stalling holds are barred in order to speed up the match for the spectators. A match is limited in length from 6-15 minutes.

Wrestling at MSM is the "catch-as-catch-can" style and contestants are required to put in a minimum of 15 workouts. The workouts are designed and required so a contestant will:

1. Get a feeling for body contact.
  2. Develop a sense of timing.
  3. Build body strength, including flexibility and endurance.
  4. Become familiar with the holds and movements of wrestling.
- The subsequent matches are divided into three two-minute periods. Scoring of points to determine each match are as follows:

Take-down, 2 points; subsequent take-down, 1 point; escape, 1 point; reversal, 2 points; near fall, 3 points; predicament, 2 points; time advantage, 1 point, for one full minute or more of net accumulated time in the advantage position. One point is the maximum to be awarded for the match. If either of the contestants pins the other, the pinned man is the loser.

## Faculty Members Speak During Engineers' Week

Eight members of the faculty of MSM spoke to Springfield, Mo., civic clubs during the observance of National Engineers' Week, Feb. 16-22.

They were as follows: Dr. E. M. Spokes, chairman of the mining department, Downtown Kiwanis Club; Prof. G. E. Lorey, Ceramic Engineering Department, Southwest Kiwanis Club; Dr. Roger Nolte, chairman, Electrical Engineering Department, University Club; Dr. J. H. Senne, professor of civil engineering, Optimist Club; Prof. C. W. Grate, Mechanical Engineering Department, Queen City Lions Club, and Prof. C. R. Remington, Jr., Southeast Lions Club.

In any of the preliminary bouts where the winner is unable to continue the tournament, the contestant that he defeated in the last bout moves up to take his place. A forfeit counts as a match won.

Each entrant who competes will result in one point toward the total needed for a team championship. Each match won scores another point, the runner-up adds three, and a winner scores five more points. The team scoring the most points will be considered the champion.

# Rugby Makes Debut At MSM Athletic Scene

By Ed Skwiot

For lovers of soccer and football who would like to participate in their favorite sport the year round, Rugby football could be just what they are looking for.

Rugby football, or just Rugby as it is usually called, is played at a great many colleges in the east. Recently, teams have been formed in the midwest, as the sport has continued to grow. With the forming of a Rugby team here at MSM, Miners have a chance to participate in this sport.

Rugby has been described as a combination of football, soccer, and basketball. Actually, the game does take a little from each one of these and as a result is a different and exciting sport. A team consists of fifteen men, eight forwards and seven backs. They play on a field similar to a football field, the main difference being a center circle which serves as a kick-off point. The game is played in two forty-five minute halves, with a five minute rest

## NEW RESEARCH CENTER (Continued From Page 1)

spectrometers, ultra-violet spectrographs, infra-red spectrographs, and other such intriguing devices.

The thirty thousand square feet of floor space will cost in excess of one million dollars to construct, so with only seven hundred and fifty thousand dollars at hand they are hoping for at least a \$500,000 grant from the National Science Foundation.

It is hoped construction will start in the fall of 1964 with the completion date set in October, 1965. The building will be staffed by four senior members, staff supervisors, and graduate students totaling fifty-eight.

In the center, the micro-structure, crystal structure, super conductivity, electro-conductivity, and dielectric characteristics of metallic, non-metallic, organic, and inorganic compounds will be studied. Also, plastics and ceramics will be combined, and their elasticity and modulus will be tested. Failure mechanisms of

brittle materials will receive much notice. Aging effects and radiation effects, heat of sublimation and thermal stability of metals will be studied; in general, the influence of environment (temperature, pressure, and radiation effects.) It is hoped that NASA will support these projects in as much as they are trying to reach the moon by 1970.

There will be opportunities for undergraduates. During his senior year the undergraduate would be able to do research work from grants by the National Science Foundation. The school intends to continue the expansion of research by offering fellowships, grants, and assistance.

What will the materials testing center mean to MSM, the city, and the state? It will enable graduates to continue their research in fields that have previously been closed due to lack of equipment and housing. It will enable new products to be discovered that could be produced in the state. It will also promote the space program in the state. In closing it seems the materials testing center will be a true boon to MSM.

## ST. PAT'S STRIKES

(Continued from page 1)

the campus of unholy and evil spirits who would otherwise destroy the merry-making of this holiday.

3. The annual "Shillelagh Contest" is held to reward those who make authentic replicas of a properly decorated Irish shillelagh.

As a final warning to all freshmen from St. Patrick's campus representatives, "Beware of the Ides of March."

# MU Professor To Lecture on The Far East

Professor Thomas C. Barrow, Assistant Professor of History, University of Missouri, will present a lecture on "The Far East — Its Place in the Present and Future" at 7:00 P.M. on Tuesday, March 10th, in the Student Union at MSM.

This lecture is one of a special series on world affairs being sponsored by the Military Department at MSM for presentation to the Military Science IV Class by professors from the University of Missouri. The one hour lecture will be followed by a question and answer period. Members of the faculty, students, and the general public are invited to attend.

In his lecture Professor Barrow will analyze the programs being imposed by Communist China and the Soviet Union to infuse their ideological concepts into the leaders and the millions of people in the Far East. He will outline the changing conditions developing in this area, with emphasis on the potential influences which may be exerted by the United States toward sustaining free governments and the preservation of freedom. He will also cover the importance of the requirement for preventing the loss of the entire Far East area.

Professor Barrow received his Ph. D. at Harvard in 1961 and joined the faculty at the University of Missouri in September 1961. He did work in History of the Far East at Harvard. His field of specialization is American Colonial History.

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## Sports Calendar

### TRACK

March 21 ..... Indoor Conference Meet at Columbia  
March 30 ..... Wheaton College at MSM

### TENNIS

March 26 ..... Illinois State Normal at MSM

### INTRAMURAL SPORTS

March 10 ..... Volleyball Entries Due  
March 16 ..... Volleyball Play Begins

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